

1 Q. (Regulated Activities Evidence page 2.41, lines 13 to 15)

2 Does Hydro apply full capacity credit to the wind farms; i.e., is the full rated capacity
3 of the wind farms expected to be available during the system peak period?

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6 A. Hydro does not apply full capacity credit to the existing wind farms. The full rated
7 capacity of the wind farms is not assumed to be available during the Island system
8 peak period.

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10 Hydro plans on the basis of a wind capacity credit of 40% for the existing wind
11 farms during Island system peak period for both wind farms combined. This figure
12 (40%) is based on the forecast average annual production of both wind farms. As
13 may be seen in the *Wind Farm Production Table* in the response to NP-NLH-043,
14 both wind farms combined have exceeded 40% during the system peak times from
15 2009 to 2013. As is also noted in the same response, there have been times when
16 the system load has been very high that the wind farms have not been available.
17 This is usually because the wind speed at the time exceeds the rating of the wind
18 farms, causing them to shut down.